



434259
KCIM
January 28, 2019

2019 JAN 29 PM 1:29

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Womble Bond Dickinson (US) LLP

1200 Nineteenth Street, NW
Suite 500
Washington, DC 20036

t: 202.467.6900
f: 202.467.6910

Re: FCC Form 302-AM Application For Broadcast License
KCIM, Carroll, IA (FCC Facility ID No. 9109)

Accepted / Filed

JAN 28 2019

Federal Communications Commission
Office of the Secretary

Gregg P. Skall
Partner
Direct Dial: 202-857-4441
Direct Fax: 202-261-0041
E-mail: Gregg.Skall@wbd-us.com

Dear Ms. Dortch:

Submitted herewith in triplicate on behalf of Carroll Broadcasting Company, is its FCC Form 302-AM, Application for License to cover FCC File No. BP-20180402ABW.

The FCC Filing Fee of \$700 (Fee Code MMR) will be submitted through the FCC online Fee Filer.

Should any questions arise concerning this matter, please communicate with the undersigned counsel.

Best regards,

Womble Bond Dickinson (US) LLP


Gregg P. Skall
Partner

FOR
FCC
USE
ONLY

JAN 28 2019

Federal Communications Commission
Office of the Secretary

FCC 302-AM
APPLICATION FOR AM
BROADCAST STATION LICENSE

(Please read instructions before filling out form.)

FOR COMMISSION USE ONLY

FILE NO.

RL-20180128ACH

SECTION I - APPLICANT FEE INFORMATION

1. PAYOR NAME (Last, First, Middle Initial)

Carroll Broadcasting Company

MAILING ADDRESS (Line 1) (Maximum 35 characters)

119 E. Plaza Drive

MAILING ADDRESS (Line 2) (Maximum 35 characters)

CITY

Carroll

STATE OR COUNTRY (if foreign address)

IA

ZIP CODE

51401-3838

TELEPHONE NUMBER (include area code)

(712) 792-4421

CALL LETTERS

KCIM

OTHER FCC IDENTIFIER (If applicable)

2. A. Is a fee submitted with this application?



Yes



No

B. If No, indicate reason for fee exemption (see 47 C.F.R. Section



Governmental Entity



Noncommercial educational licensee



Other (Please explain):

C. If Yes, provide the following information: Direct Measurement of Power

Enter in Column (A) the correct Fee Type Code for the service you are applying for. Fee Type Codes may be found in the "Mass Media Services Fee Filing Guide." Column (B) lists the Fee Multiple applicable for this application. Enter fee amount due in Column (C).

(A)

FEE TYPE CODE		
M	M	R

(B)

FEE MULTIPLE			
0	0	0	1

(C)

FEE DUE FOR FEE TYPE CODE IN COLUMN (A)
\$ 700.00

FOR FCC USE ONLY

To be used only when you are requesting concurrent actions which result in a requirement to list more than one Fee Type Code.

(A)

--	--	--

(B)

0	0	0	1
---	---	---	---

(C)

\$

FOR FCC USE ONLY

ADD ALL AMOUNTS SHOWN IN COLUMN C, AND ENTER THE TOTAL HERE. THIS AMOUNT SHOULD EQUAL YOUR ENCLOSED REMITTANCE.

TOTAL AMOUNT REMITTED WITH THIS APPLICATION

\$

FOR FCC USE ONLY

00037312271

SECTION II - APPLICANT INFORMATION		
1. NAME OF APPLICANT Carroll Broadcasting Company		
MAILING ADDRESS 119 E. Plaza Drive		
CITY Carroll	STATE IA	ZIP CODE 51401-3838

2. This application is for:

- ☐ Commercial
 ☒ Noncommercial
☐ AM Directional
 ☐ AM Non-Directional

Call letters KCIM	Community of License Carroll, IA	Construction Permit File No. BP-20180402ABW	Modification of Construction Permit File No(s).	Expiration Date of Last Construction Permit February 01, 2021
----------------------	-------------------------------------	--	--	---

3. Is the station now operating pursuant to automatic program test authority in accordance with 47 C.F.R. Section 73.1620?

☒ Yes ☐ No

Exhibit No.

If No, explain in an Exhibit.

4. Have all the terms, conditions, and obligations set forth in the above described construction permit been fully met?

☒ Yes ☐ No

Exhibit No.

If No, state exceptions in an Exhibit.

5. Apart from the changes already reported, has any cause or circumstance arisen since the grant of the underlying construction permit which would result in any statement or representation contained in the construction permit application to be now incorrect?

☐ Yes ☒ No

Exhibit No.

If Yes, explain in an Exhibit.

6. Has the permittee filed its Ownership Report (FCC Form 323) or ownership certification in accordance with 47 C.F.R. Section 73.3615(b)?

☐ Yes ☐ No

☒ Does not apply

Exhibit No.

If No, explain in an Exhibit.

7. Has an adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

☐ Yes ☐ No

Exhibit No.

If the answer is Yes, attach as an Exhibit a full disclosure of the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 U.S.C. Section 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

8. Does the applicant, or any party to the application, have a petition on file to migrate to the expanded band (1605-1705 kHz) or a permit or license either in the existing band or expanded band that is held in combination (pursuant to the 5 year holding period allowed) with the AM facility proposed to be modified herein?

☐ Yes ☐ No

If Yes, provide particulars as an Exhibit.

Exhibit No.

The APPLICANT hereby waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because use of the same, whether by license or otherwise, and requests and authorization in accordance with this application. (See Section 304 of the Communications Act of 1934, as amended).

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations and that all the exhibits are a material part hereof and are incorporated herein as set out in full in

CERTIFICATION

1. By checking Yes, the applicant certifies, that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. Section 862, or, in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. Section 1.2002(b).

☒ Yes ☐ No

2. I certify that the statements in this application are true, complete, and correct to the best of my knowledge and belief, and are made in good faith.

Name Kim Hackett	Signature <i>Kim Hackett</i>	
Title President	Date 1/23/2019	Telephone Number (712) 792-4421

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The Commission will use the information provided in this form to determine whether grant of the application is in the public interest. In reaching that determination, or for law enforcement purposes, it may become necessary to refer personal information contained in this form to another government agency. In addition, all information provided in this form will be available for public inspection. If information requested on the form is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Your response is required to obtain the requested authorization.

Public reporting burden for this collection of information is estimated to average 639 hours and 53 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Records Management Branch, Paperwork Reduction Project (3060-0627), Washington, D. C. 20554. Do NOT send completed forms to this address.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

SECTION III - LICENSE APPLICATION ENGINEERING DATA

Name of Applicant

Carroll Broadcasting Company

PURPOSE OF AUTHORIZATION APPLIED FOR: (check one)



Station License



Direct Measurement of Power

1. Facilities authorized in construction permit

Call Sign	File No. of Construction Permit (if applicable)	Frequency (kHz)	Hours of Operation	Power in kilowatts	
				Night	Day
KCIM	BP-20180402ABW	1380	Unlimited	0.028	0.500

2. Station location

State Iowa	City or Town Carroll
----------------------	--------------------------------

3. Transmitter location

State IA	County Carroll	City or Town Carroll	Street address (or other identification) 20743 220th Street
--------------------	--------------------------	--------------------------------	--

4. Main studio location

State IA	County Carroll	City or Town Carroll	Street address (or other identification) 1119 Plaza Drive
--------------------	--------------------------	--------------------------------	--

5. Remote control point location (specify only if authorized directional antenna)

State	County	City or Town	Street address (or other identification)
-------	--------	--------------	---

6. Has type-approved stereo generating equipment been installed?



Yes



No

7. Does the sampling system meet the requirements of 47 C.F.R. Section 73.68?



Yes



No



Not Applicable

Attach as an Exhibit a detailed description of the sampling system as installed.

Exhibit No.
Does Not Apply**8. Operating constants:**

RF common point or antenna current (in amperes) without modulation for night system 0.58 Amperes		RF common point or antenna current (in amperes) without modulation for day system 2.47 Amperes	
Measured antenna or common point resistance (in ohms) at operating frequency Night 82	Day 82	Measured antenna or common point reactance (in ohms) at operating frequency Night +j100	Day +j100

Antenna indications for directional operation

Towers	Antenna monitor Phase reading(s) in degrees		Antenna monitor sample current ratio(s)		Antenna base currents	
	Night	Day	Night	Day	Night	Day

Manufacturer and type of antenna monitor:

Does Not Apply

SECTION III - Page 2

9. Description of antenna system ((f directional antenna is used, the information requested below should be given for each element of the array. Use separate sheets if necessary.)

Type Radiator	Overall height in meters of radiator above base insulator, or above base, if grounded.	Overall height in meters above ground (without obstruction lighting)	Overall height in meters above ground (include obstruction lighting)	If antenna is either top loaded or sectionalized, describe fully in an Exhibit.
See Text	59.7 meters	61 meters	61 meters	Exhibit No. Does Not Apply

Excitation ☒ Series ☐ Shunt

Geographic coordinates to nearest second. For directional antenna give coordinates of center of array. For single vertical radiator give tower location.

North Latitude	42	°	02	'	16	"	West Longitude	94	°	53	'	03	"
----------------	----	---	----	---	----	---	----------------	----	---	----	---	----	---

If not fully described above, attach as an Exhibit further details and dimensions including any other antenna mounted on tower and associated isolation circuits.

Exhibit No.
Does Not Apply

Also, if necessary for a complete description, attach as an Exhibit a sketch of the details and dimensions of ground system.

Exhibit No.
Does Not Apply

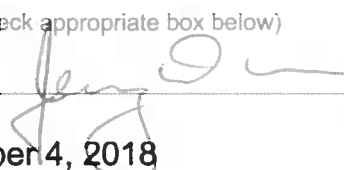
10. In what respect, if any, does the apparatus constructed differ from that described in the application for construction permit or in the permit?

None.

11. Give reasons for the change in antenna or common point resistance.

Does not apply. Application for license to cover.

I certify that I represent the applicant in the capacity indicated below and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief.

Name (Please Print or Type) Jeremy D. Ruck	Signature (check appropriate box below) 
Address (include ZIP Code) Jeremy Ruck & Associates, Inc. P.O. Box 415 Canton, IL 61520	Date December 4, 2018
	Telephone No. (Include Area Code) 309.647.1200 (email: jeremy@jeremyruck.com)

☐ Technical Director

☒ Registered Professional Engineer

☐ Chief Operator

☐ Technical Consultant

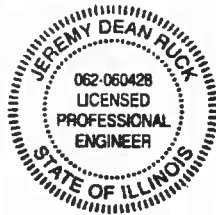
☐ Other (specify)

APPLICATION FOR LICENSE

AM BROADCAST STATION
KCIM – CARROLL, IOWA
0.5 kW-D / 0.028 kW-N / ND-U
FACILITY ID: 9109

CARROLL BROADCASTING COMPANY

DECEMBER 2018



© 2018 JEREMY RUCK & ASSOCIATES, INC.

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

12.4.2018

APPLICATION FOR DIRECT MEASUREMENT OF POWER

The following engineering statement and attached exhibits have been prepared for **Carroll Broadcasting Company** ("Carroll"), licensee of AM broadcast station KCIM at Carroll, Iowa, and are in support of their application for license.¹ This application is being filed to cover changes to the facility authorized under FCC File No. BP-20180402ABW.

Under that construction permit, KCIM was authorized to change from a directional to non-directional antenna system. Additionally, a change in the class of station from B to D was authorized under this construction. Specifically, KCIM is authorized to operate on 1380 kHz with an antenna input power of 500 Watts daytime, and 28 Watts nighttime utilizing a non-directional antenna. As was discussed in the engineering statement attached to the construction permit application, rebuilding of the antenna system was necessary due to structural issues with the former system.

Construction on the facility has been completed in accordance with the terms of the construction permit. The construction permit as issued by the Commission listed four special conditions or restrictions. Carroll is in compliance with all four of these conditions, each of which is specifically discussed here.

The first special condition pertains to the type of transmitter to be utilized by the facility. Under this condition, Carroll is required to install a type accepted transmitter, or submit an application with relevant data if non-type-accepted transmitter is proposed. No change in the

¹ The Facility ID for KCIM at Carroll, Iowa is 9109.

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

transmitter was made in the implementation of the referenced construction permit. Carroll will continue to utilize a type-accepted transmitter at KCIM.

The second special condition advises Carroll that this application for license must be filed pursuant to Section 73.3536 of the Commission's Rules prior to the expiration of the construction permit. The expiration date for the referenced construction permit is February 1, 2021. Carroll is in compliance with this condition.

Special condition three pertains to RF safety and protection of persons. Under this condition, Carroll is required to coordinate with all other users of the site to ensure that workers and other personnel are not exposed to levels of radiofrequency radiation in excess of the applicable safety standards. Carroll certifies that it will perform necessary coordination activities. Such activities will include, but are not necessarily limited to, a reduction in transmitter power or cessation of operation.

The final special condition pertains to the former directional array at the site. Under this condition, Carroll is required to either dismantle the unused tower, or submit a non-directional proof of performance. As was previously indicated in this statement, and discussed in the application for construction permit, significant structural issues existed with the two towers originally in the directional array. The tower utilized by KCIM under the construction permit for which this application for license is being submitted is a replacement for one of the towers, and is the only tower remaining at the site since the other was dismantled. Carroll is in compliance with this condition through the dismantling of the unused antenna tower.

JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

Also contained within this application is a copy of the schematic of the antenna tuning unit as well as a summary of the antenna impedance measurements. The impedance measurements were performed by Mr. Richard Keane of Calhoun Communications. Mr. Keane utilized a Delta Electronics OIB-3 operating impedance bridge driven by a Delta Electronics RG-4 receiver/generator. The reactance values indicated on the exhibit are the corrected values, which are the product of the dial reading and the frequency of in megahertz. The measured impedance values were provided to the undersigned engineer for inclusion in this application for license.

The radiator utilized by the station is a guyed steel tower of uniform cross-section. This tower is series excited and is base insulated. Due to the height of the tower, obstruction lighting is not required.

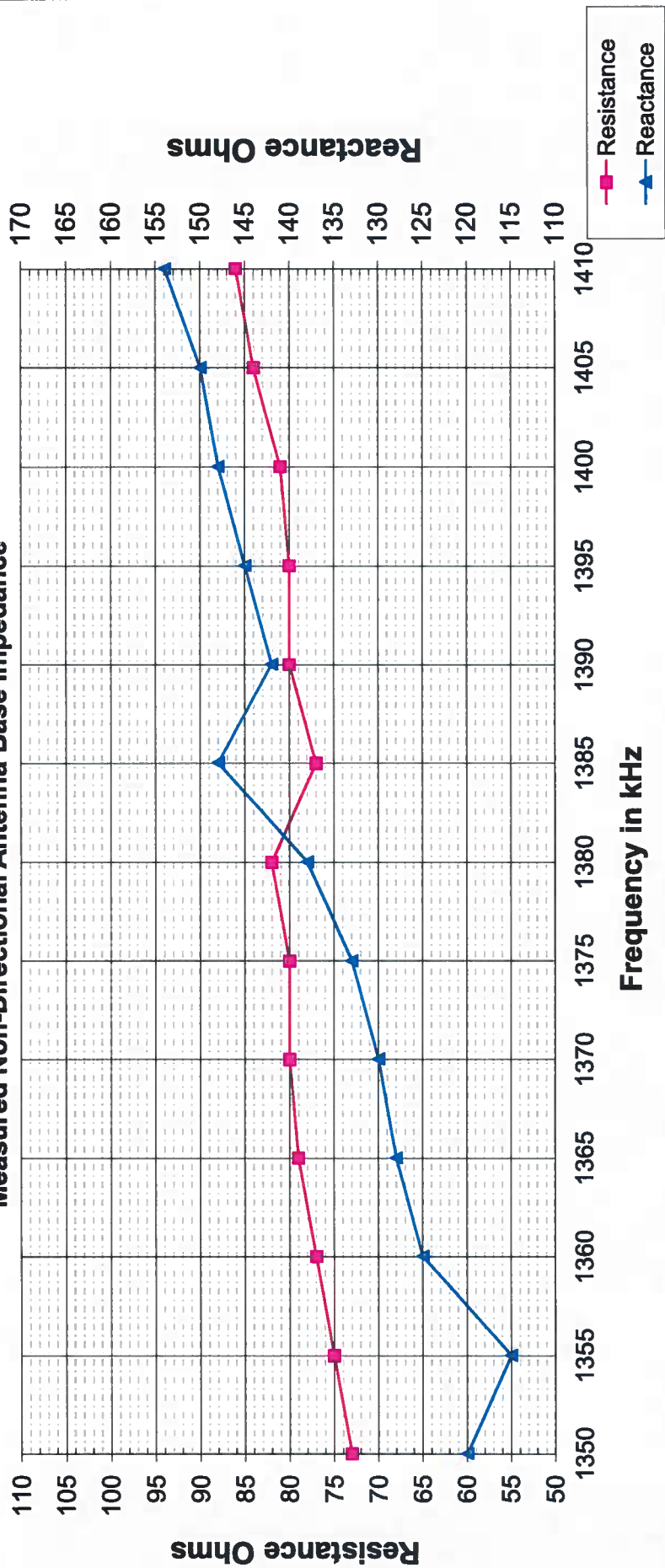
JEREMY RUCK & ASSOCIATES, INC.

P.O. Box 415
221 S. 1st Avenue
Canton, IL 61520

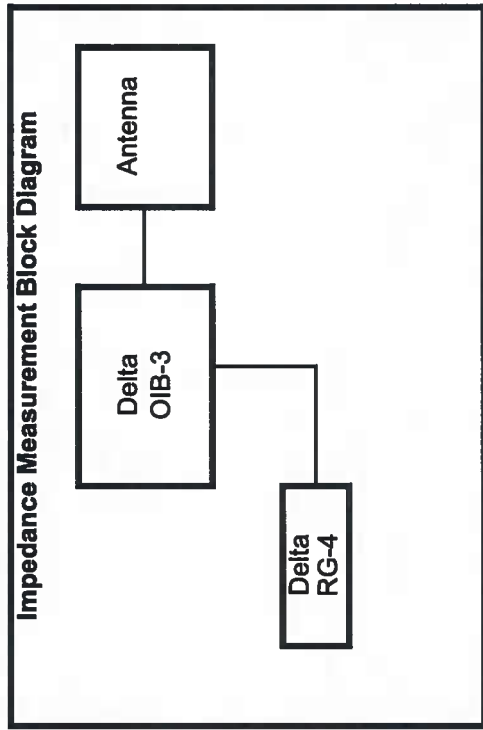
Tel: 309.647.1200
Fax: 855.332.9537
jeremyruck.com

12.4.2018

Measured Non-Directional Antenna Base Impedance



Frequency kHz	Resistance	Reactance
1350	73	120
1355	75	115
1360	77	125
1365	79	128
1370	80	130
1375	80	133
1380	82	138
1385	77	148
1390	80	142
1395	80	145
1400	81	148
1405	84	150
1410	86	154



Facility Information
 Callsign: KCIM
 Facility ID: 9109
 Location: Carroll, Iowa
 Frequency: 1380 kHz
 Nominal Power: 0.5 kW-D / 0.028 kW-N
 Antenna Mode: ND-U

Jeremy Ruck & Associates, Inc.
 P.O. Box 415 / 221 S. 1st Avenue
 Canton, Illinois 61520
 jeremyruck.com



United States of America
FEDERAL COMMUNICATIONS COMMISSION
AM BROADCAST STATION CONSTRUCTION PERMIT

Authorizing Official:

Official Mailing Address:

CARROLL BROADCASTING COMPANY
1119 E. PLAZA DRIVE
CARROLL IA 51401

Son Nguyen
Son Nguyen
Supervisory Engineer
Audio Division
Media Bureau

Facility Id: 9109

Call Sign: KCIM

Permit File Number: BP-20180402ABW

Grant Date: **JUN 22 2018**

This permit expires 3:00 a.m.
local time, February 01, 2021.

Subject to the provisions of the Communications Act of 1934, as amended, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this permit, the permittee is hereby authorized to construct the radio transmitting apparatus herein described. Installation and adjustment of equipment not specifically set forth herein shall be in accordance with representations contained in the permittee's application for construction permit except for such modifications as are presently permitted, without application, by the Commission's Rules.

Commission rules which became effective on February 16, 1999, have a bearing on this construction permit. See Report & Order, Streamlining of Mass Media Applications, MM Docket No. 98-43, 13 FCC RCD 23056, Para. 77-90 (November 25, 1998); 63 Fed. Reg. 70039 (December 18, 1998). Pursuant to these rules, this construction permit will be subject to automatic forfeiture unless construction is complete and an application for license to cover is filed prior to expiration. See Section 73.3598.

Equipment and program tests shall be conducted only pursuant to Sections 73.1610 and 73.1620 of the Commission's Rules.

Hours of Operation: Daytime with Secondary nighttime

Average hours of sunrise and sunset:
Local Standard Time (Non-Advanced)

Jan.	7:45 AM	5:15 PM	Jul.	5:00 AM	8:00 PM
Feb.	7:15 AM	5:45 PM	Aug.	5:30 AM	7:15 PM
Mar.	6:30 AM	6:30 PM	Sep.	6:00 AM	6:30 PM
Apr.	5:45 AM	7:00 PM	Oct.	6:30 AM	5:45 PM
May	5:00 AM	7:30 PM	Nov.	7:15 AM	5:00 PM
Jun.	4:45 AM	8:00 PM	Dec.	7:45 AM	4:45 PM

Callsign: KCTM

Permit No.: BP-20180402ABW

Name of Permittee: CARROLL BROADCASTING COMPANY

Station Location: CARROLL, IA

Frequency (kHz): 1380

Station Class: D

Antenna Coordinates:

Day

Latitude: N 42 Deg 02 Min 16 Sec

Longitude: W 94 Deg 53 Min 03 Sec

Night

Latitude: N 42 Deg 02 Min 16 Sec

Longitude: W 94 Deg 53 Min 03 Sec

Transmitter(s): Type Accepted. See Sections 73.1660, 73.1665 and 73.1670 of the Commission's Rules.

Nominal Power (kW): Day: 0.50 Night: 0.028

Antenna Mode: Day: ND Night: ND

(DA=Directional Antenna, ND=Non-directional Antenna; CH=Critical Hours)

Antenna Registration Number(s):

Day:

Tower No.	ASRN	Overall Height (m)
1	1022054	

Night:

Tower No.	ASRN	Overall Height (m)
1	1022054	

Non-Directional Antenna: Day

Radiator Height: 59.7 meters; 99 deg

Theoretical Efficiency: 311.57 mV/m/kw at 1km

Non-Directional Antenna: Night

Radiator Height: 59.7 meters; 99 deg

Theoretical Efficiency: 311.57 mV/m/kw at 1km

Special operating conditions or restrictions:

- 1 Permittee shall install a type-accepted transmitter, or submit application (FCC Form 301) along with data prescribed in Section 73.1660(b) should non type-accepted transmitter be proposed.
- 2 A license application (FCC Form 302) to cover this construction permit must be filed with the Commission pursuant to Section 73.3536 of the Rules before the permit expires.
- 3 The permittee/licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.
- 4 Before program tests are authorized, permittee shall dismantle the unused antenna tower, or in lieu thereof, submit a proof of performance to establish that the proposed radiation pattern is essentially omnidirectional. The proof shall include at least six approximately equally-spaced radials with sufficient close-in points that the inverse distance fields can be clearly established.

*** END OF AUTHORIZATION ***